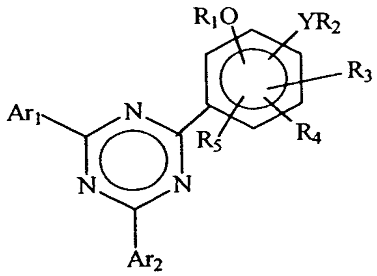
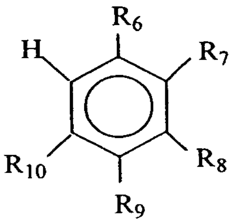
What is claimed is:

1. A process for isolating a compound of Formula 1



wherein Ar$_1$ and Ar$_2$ are the same or different and are radicals of the compound of Formula 2



and wherein R$_1$ is hydrogen and R$_2$, R$_3$, R$_4$ and R$_5$, are the same or different and are hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, OR, NRR', CONRR', OCOR, CN, SR, SO$_2$R, and optionally with either of R$_3$ and R$_4$ or R$_4$ and R$_5$ taken together being a part of a saturated or unsaturated fused carbocyclic ring and wherein each R, R', R$_6$, R$_7$, R$_8$, R$_9$, and R$_{10}$ are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, and optionally with either of R$_6$ and R$_7$, R$_7$ and R$_8$, R$_8$ and R$_9$, or R$_9$ and R$_{10}$, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring, and R$_6$, R$_7$, R$_8$, R$_9$, and R$_{10}$, may be an

alkoxy of 1 to 24 carbons, and Y is a direct bond, O, NR", or SR", wherein R" is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms;
wherein said process comprises the step of:
contacting a product mixture with a base to form an isolation blend,
wherein said product mixture comprises said compound of Formula 1 and a polyphenolic-triazine compound.

2. The process of claim 1 wherein said base is an inorganic base.

3. The process of claim 2 wherein said inorganic base is selected from the group consisting of: LiOH, NaOH, KOH, $Mg(OH)_2$, $Ca(OH)_2$, $Zn(OH)_2$, $Al(OH)_3$, NH_4OH, Li_2CO_3, Na_2CO_3, K_2CO_3, $MgCO_3$, $CaCO_3$, $ZnCO_3$, $(NH_4)_2CO_3$, $BaCO_3$, $CaMg(CO_3)_2$, NaHCO3, KHCO3, (CaO), BaO, $LiNH_2$, $NaNH_2$, KNH_2, $Mg(NH_2)_2$, $Ca(NH_2)_2$, $Zn(NH_2)_2$, $Al(NH_2)_3$, NaH, CaH2, KH, LiH, and mixtures thereof

4. The process of claim 1 wherein said base is an organic base.

5. The process of claim 4 wherein the organic base is an amine that is primary, secondary, tertiary, aliphatic, cyclic, acyclic, aromatic, heteroaromatic, or heterocyclic; or salts of primary amine, secondary amine, alcohol, or acid.

6. The process of claim 5 wherein said organic base is selected from the group consisting of the salts of CH_3O^-, $CH_3CH_2O^-$, $CH_3CH_2CH_2O^-$, $(CH_3)_2CHO^-$, $((CH_3)_2CH)_2CHO^-$, $CH_3CH_2CH_2CH_2O^-$, $(CH_3)_3CO^-$, CH_3NH^-, $CH_3CH_2NH^-$, $CH_3CH_2CH_2NH^-$, $(CH_3)_2CHNH^-$, $((CH_3)_2CH)_2CHNH^-$, $CH_3CH_2CH_2CH_2NH^-$, $(CH_3)_3CNH^-$, $(CH_3)_2N^-$, $(CH_3CH_2)_2N^-$, $(CH_3CH_2CH_2)_2N^-$, $((CH_3)_2CH)_2N^-$, $(((CH_3)_2CH)_2CH)_2N^-$, $(CH_3CH_2CH_2CH_2)_2N^-$, $((CH_3)_3C)_2N^-$, formate, acetate, propylate, butanoate, benzoate; and CH_3NH_2, $CH_3CH_2NH_2$, $CH_3CH_2CH_2NH_2$, $(CH_3)_2CHNH_2$, $((CH_3)_2CH)_2CHNH_2$, $CH_3CH_2CH_2CH_2NH_2$, $(CH_3)_3CNH_2$, $(CH_3)_2NH$, $(CH_3CH_2)_2NH$, $(CH_3CH_2CH_2)_2NH$, $((CH_3)_2CH)_2NH$, $((CH_3)_2CH)_2EtN$, $(((CH_3)_2CH)_2CH)_2NH$, $(CH_3CH_2CH_2CH_2)_2NH$,

$((CH_3)_3C)_2NH$, $(CH_3)_3N$, $(CH_3CH_2)_3N$, $(CH_3CH_2CH_2)_3N$, $((CH_3)_2CH)_3N$, $(((CH_3)_2CH)_2CH)_3N$, $(CH_3CH_2CH_2CH_2)_3N$, $((CH_3)_3C)_3N$, pyrrolidine, piperidine, N-alkylpiperidine, piperazine, N-alkylpiperazine, N,N-dialkylpiperazine, morpholine, N-alkylmorpholine, imidazole, pyrrole, pyridine, lutidine, 4-N,N-dimethylaminopyridine, aniline, N,N-dialkylaniline, tetramethylenediamine and mixtures thereof .

7. The process of claim 1 wherein said product mixture is in a solid form.

8. The process of claim 1 wherein said base is dissolved in at least one first solvent.

9. The process of claim 8 where said first solvent is selected from the group consisting of: water, an alcohol, acetonitrile, tetrahydrofuran, toluene, heptane and mixtures thereof.

10. The process of claim 7 further comprising the step of filtering said isolation blend.

11. The process of claim 8 wherein said contacting step is at a temperature of between about 10°C to about the reflux temperature.

12. The process of claim 1 wherein said contacting step is at a pH between about 7 to about 14.

13. The process of claim 10 further comprising the step of contacting a filtrate from said filtering step with an acid to isolate a polyphenolic-triazine compound.

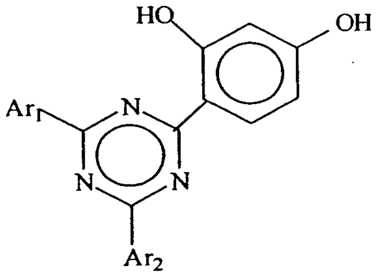
14. The process of 1 wherein said product mixture is dissolved in at least one second solvent.

15. The process of claim 14 wherein said second solvent is selected from the group consisting of: methylisobutylketone, methylethylketone, cyclohexanone, ethyl acetate, butyl acetate, methylene chloride, chloroform, carbontetrachloride, 1,2-dichloroethane, chlorobenzene, dichlorobenzene, toluene, xylenes and mixtures thereof.

16. The process of claim 1 wherein said base is dissolved in at least one first solvent and said product mixture is dissolved in at least one second solvent, wherein said second solvent is substantially immiscible in said first solvent, and wherein at least two distinct layers are formed.

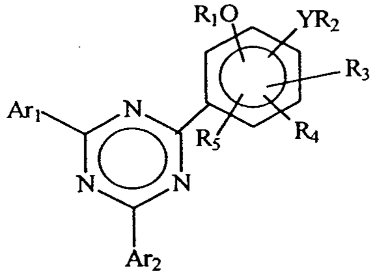
17. The process of claim 16 wherein at least one of said layers is aqueous-based and at least one of said layers is organic-based, wherein said process further comprises the step of separating said aqueous-based layer from said organic-based layer.

18. The process of claim 1 wherein said compound of Formula 1 is

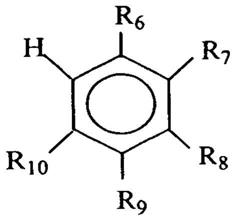


19. The process of claim 17 further comprising the steps of isolating a polyphenolic-triazine compound from said aqueous-based layer by contacting said aqueous-based layer with an acid;
and extracting said polyphenolic-triazine compound by solvent extraction.

20. A process for isolating a compound of Formula 1



wherein Ar_1 and Ar_2 are the same or different and are radicals of the compound of Formula 2



and wherein R_1 is hydrogen and R_2, R_3, R_4 and R_5, are the same or different and are hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, OR, NRR', CONRR', OCOR, CN, SR, SO_2R, and optionally with either of R_3 and R_4 or R_4 and R_5 taken together being a part of a saturated or unsaturated fused carbocyclic ring and wherein each R, R', R_6, R_7, R_8, R_9, and R_{10} are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, and optionally with either of R_6 and R_7, R_7 and R_8, R_8 and R_9, or R_9 and R_{10}, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring, and R_6, R_7, R_8, R_9, and R_{10}, may be an alkoxy of 1 to 24 carbons, and Y is a direct bond, O, NR", or SR", wherein R" is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms;

wherein said process comprises the steps of:

contacting a product mixture with an alcohol to form an isolation blend;

heating said isolation blend at a temperature of about 40°C to about 200°C for a period of 10 minutes to 10 hours,

wherein said product mixture comprises said compound of Formula 1 and a polyphenolic-triazine compound.

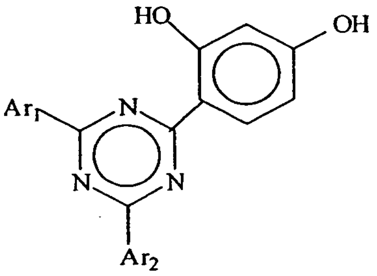
21. The process of claim 20 wherein said product mixture is in a solid form.

22. The process of claim 21 further comprising the step of filtering said isolation blend.

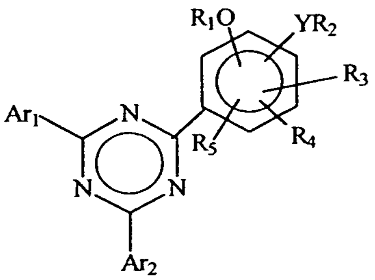
23. The process of claim 20 wherein said alcohol is selected from the group consisting of: methanol, ethanol, propanol, isopropanol, butanol, isobutanol, *t*-butanol, 1,2-ethanediol, 3-chloro-1-propanol, 2-hydroxyl-acetic acid, 1-hydroxyl-3-pentanone, cyclohexanol, cyclohexenol, glycerol, benzyl alcohol and mixtures thereof.

24. The process of claim 20 wherein the amount of said alcohol is about 1 to about 20 parts per part compound of Formula 1.

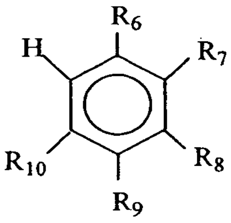
25. The process of claim 20 wherein said compound of Formula 1 is



26. A process for isolating a compound of Formula 1



wherein Ar_1 and Ar_2 are the same or different and are radicals of the compound of Formula 2



and wherein R_1 is hydrogen and R_2, R_3, R_4 and R_5, are the same or different and are hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, OR, NRR', CONRR', OCOR, CN, SR, SO_2R, and optionally with either of R_3 and R_4 or R_4 and R_5 taken together being a part of a saturated or unsaturated fused carbocyclic ring and wherein each R, R', R_6, R_7, R_8, R_9, and R_{10} are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, and optionally with either of R_6 and R_7, R_7 and R_8, R_8 and R_9, or R_9 and R_{10}, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring, and R_6, R_7, R_8, R_9, and R_{10}, may be an alkoxy of 1 to 24 carbons, and Y is a direct bond, O, NR", or SR", wherein R" is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms;
wherein said process comprises the step of:
contacting a product mixture with a hydrocarbon solvent to form an isolation blend, wherein said product mixture is in solid form and comprises said compound of Formula 1 and a trisaryl-triazine compound.

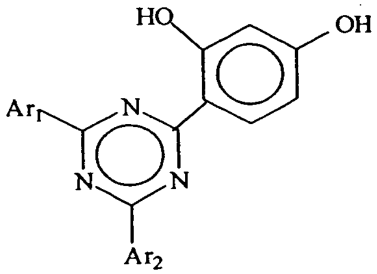
27. The process of claim 26 wherein said hydrocarbon solvent is selected from the group consisting of benzene, toluene, ethylbenzene, diethylbenzene, xylene, mesitylene, tetralin, hexane, heptane, octane, cyclohexane, and mixtures thereof.

28. The process of claim 26 wherein said contacting step is at a temperature of between about 10°C to about the reflux temperature of said isolation blend.

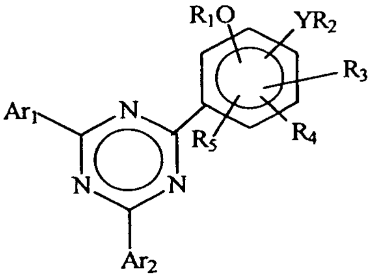
29. The process of claim 26 further comprising filtering said isolation blend.

30. The process of claim 26 wherein the amount of said hydrocarbon solvent is about 1 to about 20 parts per part compound of Formula 1.

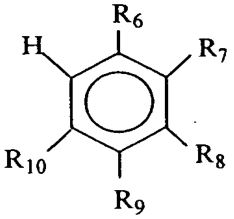
31. The process of claim 26 wherein said compound of Formula 1 is



32. A process for isolating a compound of Formula 1



wherein Ar_1 and Ar_2 are the same or different and are radicals of the compound of Formula 2



and wherein R_1 is hydrogen and R_2, R_3, R_4 and R_5, are the same or different and are hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, OR, NRR', CONRR', OCOR, CN, SR, SO_2R, and optionally with either of R_3 and R_4 or R_4 and R_5 taken together being a part of a saturated or unsaturated fused carbocyclic ring and wherein each R, R', R_6, R_7, R_8, R_9, and R_{10} are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, substituted or unsubstituted biphenylene, substituted or unsubstituted naphthalene, and optionally with either of R_6 and R_7, R_7 and R_8, R_8 and R_9, or R_9 and R_{10}, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring, and R_6, R_7, R_8, R_9, and R_{10}, may be an alkoxy of 1 to 24 carbons, and Y is a direct bond, O, NR", or SR", wherein R" is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms;

wherein said process comprises the step of:

contacting a product mixture with at least two components selected from the group consisting of a base, an alcohol and a hydrocarbon solvent,

wherein said product mixture comprises said compound of Formula 1 and a polyphenolic-triazine compound.

33. The process of claim 32 wherein said components are a base and a hydrocarbon solvent.

34. The process of claim 32 wherein said components are an alcohol and a hydrocarbon solvent.

35. The process of claim 32 wherein said contacting is performed in a step-wise manner.

36. The process of claim 32 wherein said contacting is performed in one-step manner.

37. The process of claim 32 wherein said compound of Formula 1 is